

Data File : VU035917.D
Acq On : 29 Nov 2019 12:56
Operator : JC/SP
Sample : K5992-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Nov 30 03:23:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 30 03:20:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	226598	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	272169	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	99471	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	133515	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.93	69	131283	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.59	63	169159	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	4.70	46	367437	53.64	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.28%
24) Chloroform-d	5.11	84	247990	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.75	65	134744	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.77	84	467139	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.73	67	163687	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.93	98	356535	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.40%
43) trans-1,3-Dichloropropene-	8.21	79	54052	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.68	63	269613	49.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.54%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	136956	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	117406	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

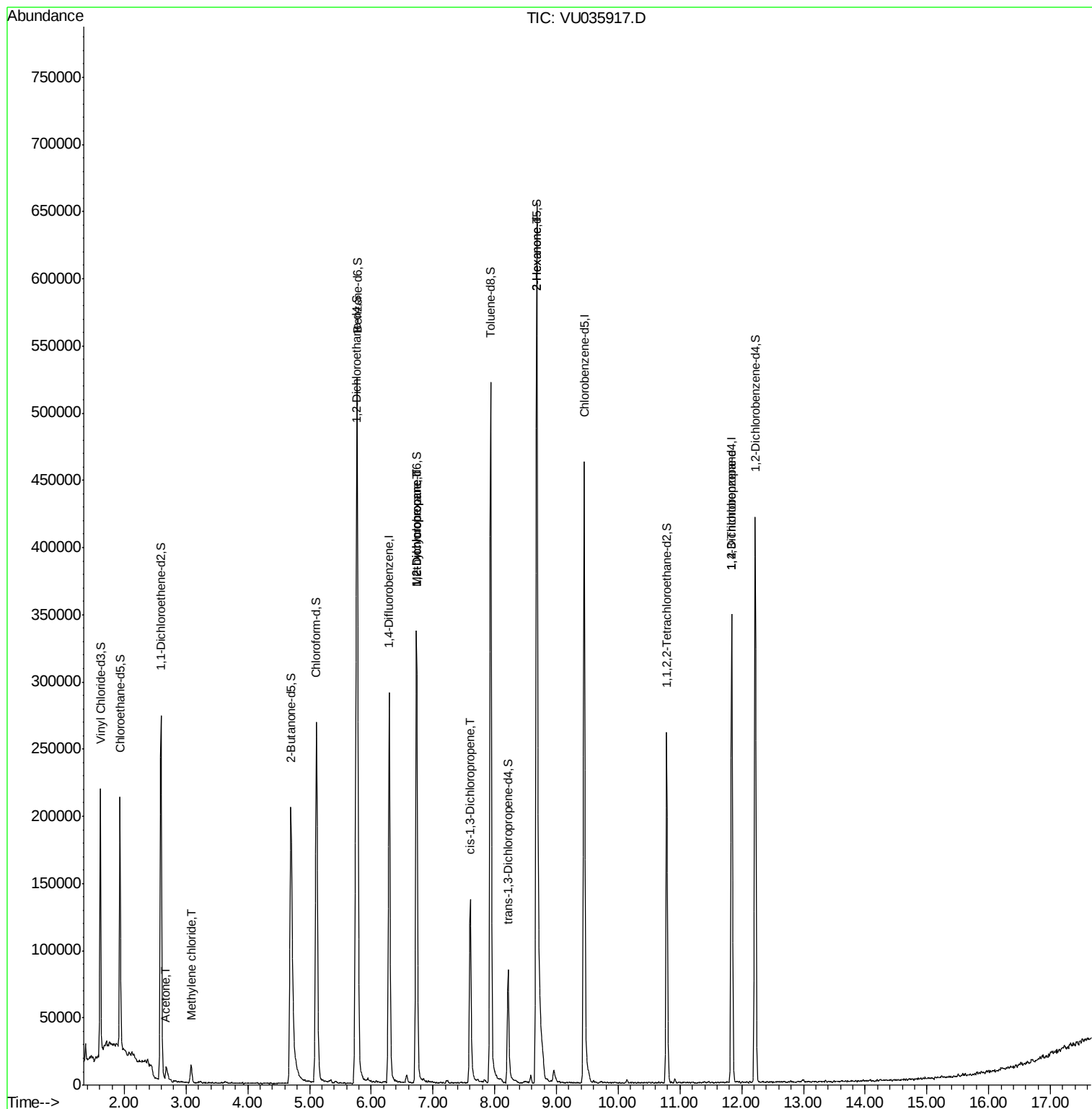
					Qvalue
13) Acetone	2.68	43	15252	2.535	ug/L 93
16) Methylene chloride	3.09	84	6646	0.233	ug/L 89
35) Methylcyclohexane	6.73	83	35565	0.870	ug/L # 14
37) 1,2-Dichloropropane	6.73	63	17257	0.536	ug/L # 90
39) cis-1,3-Dichloropropene	7.61	75	3877	0.093	ug/L # 47
48) 2-Hexanone	8.68	43	32034	2.200	ug/L # 72
59) 1,2,3-Trichloropropane	11.84	75	13867	0.662	ug/L 97

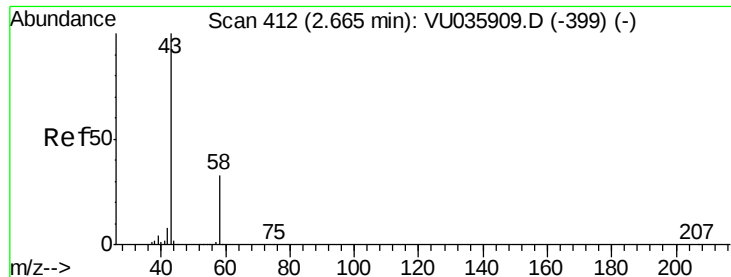
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.535 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.01 min

Lab File: VU035917.D

Acq: 29 Nov 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

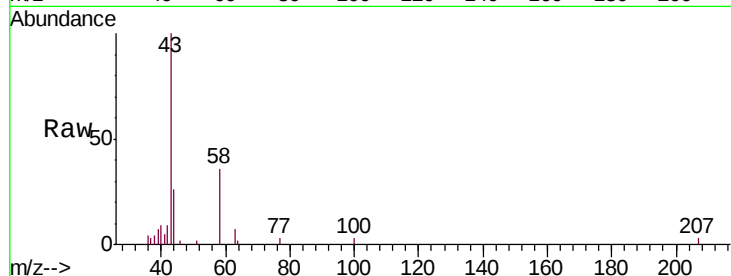
VHBLK01

Tgt Ion: 43 Resp: 15252

Ion Ratio Lower Upper

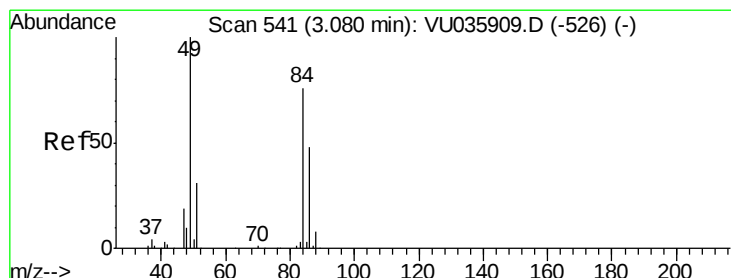
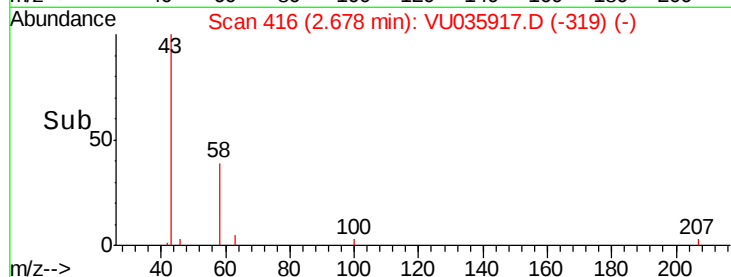
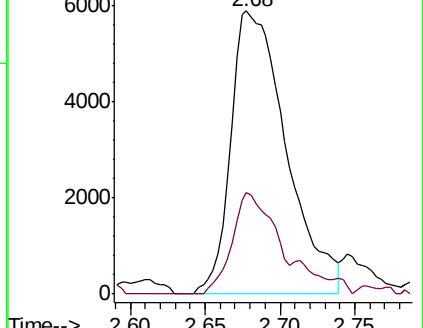
43 100

58 26.9 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035917.D (-416) (-)

Ion 58.05 (57.75 to 58.75): VU035917.D (-416) (-)



#16

Methylene chloride

Concen: 0.233 ug/L

RT: 3.09 min Scan# 543

Delta R.T. 0.01 min

Lab File: VU035917.D

Acq: 29 Nov 2019 12:56

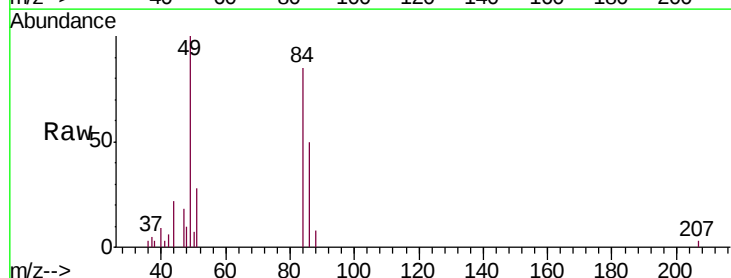
Tgt Ion: 84 Resp: 6646

Ion Ratio Lower Upper

84 100

86 59.2 44.4 82.5

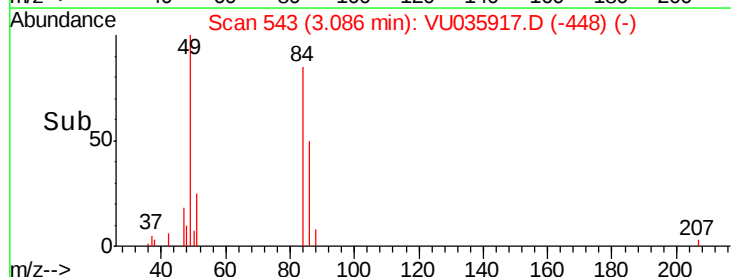
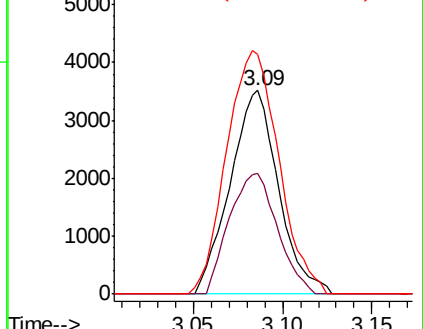
49 118.0 94.0 174.6

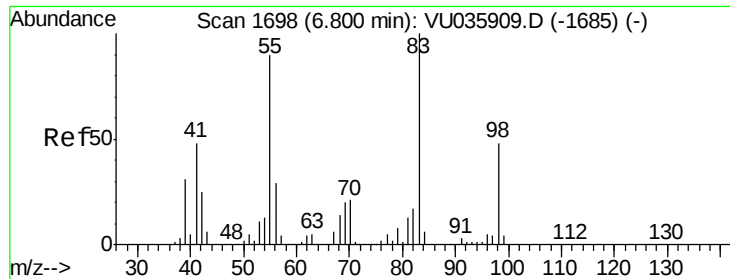


Abundance Ion 84.05 (83.75 to 84.75): VU035917.D (-543) (-)

Ion 86.00 (85.70 to 86.70): VU035917.D (-543) (-)

Ion 49.10 (48.80 to 49.80): VU035917.D (-543) (-)

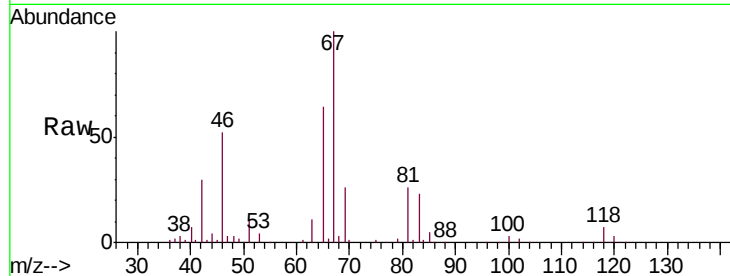




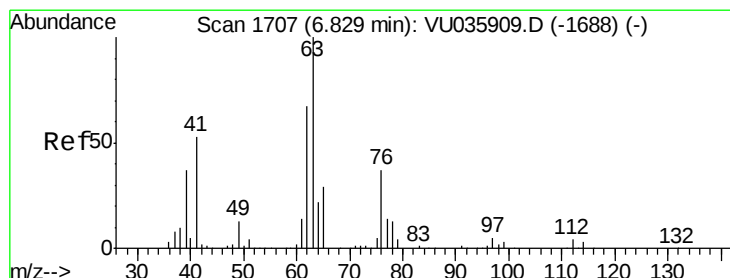
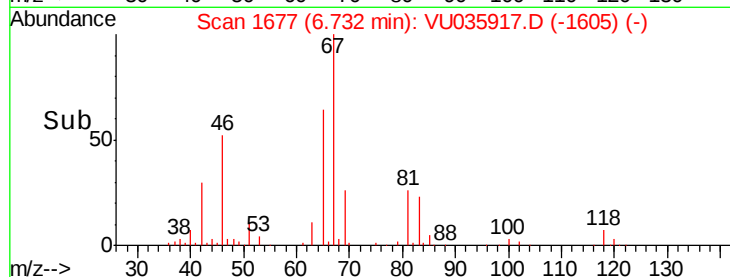
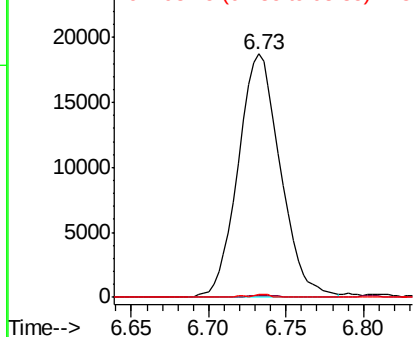
#35
Methylcyclohexane
Concen: 0.870 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035917.D
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Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 35565
Ion Ratio Lower Upper
83 100
55 0.5 72.7 109.1#
98 0.5 36.2 54.4#

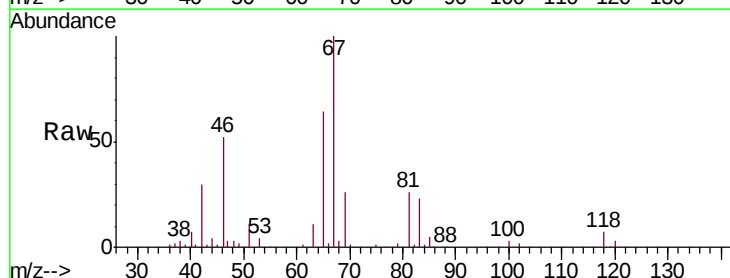


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

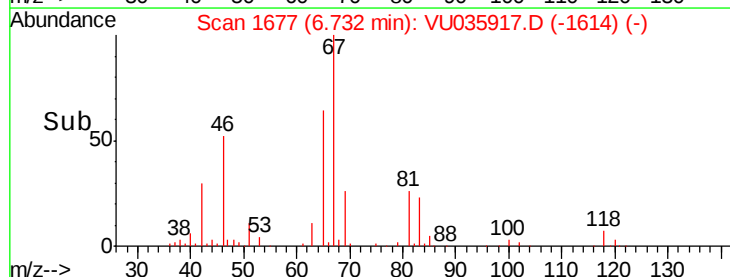
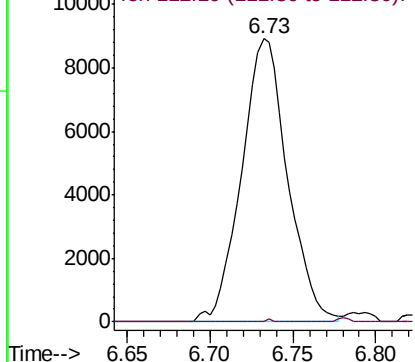


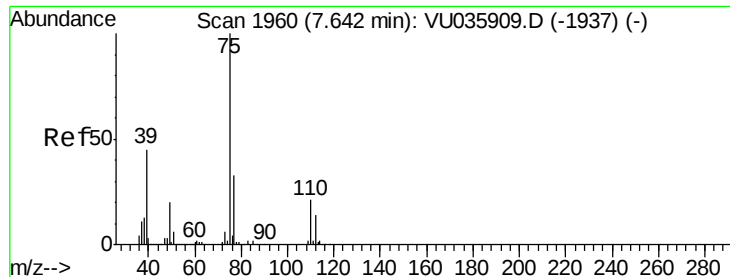
#37
1,2-Dichloropropane
Concen: 0.536 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035917.D
Acq: 29 Nov 2019 12:56

Tgt Ion: 63 Resp: 17257
Ion Ratio Lower Upper
63 100
112 0.1 2.7 4.1#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU035917.D

Acq: 29 Nov 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

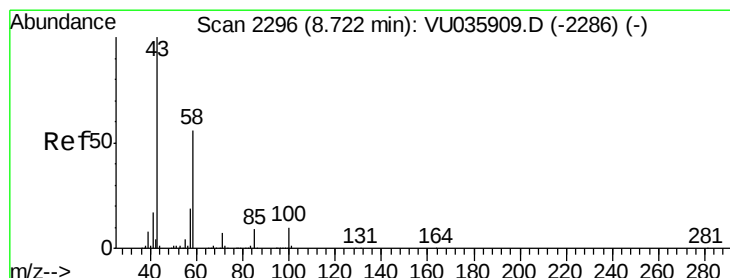
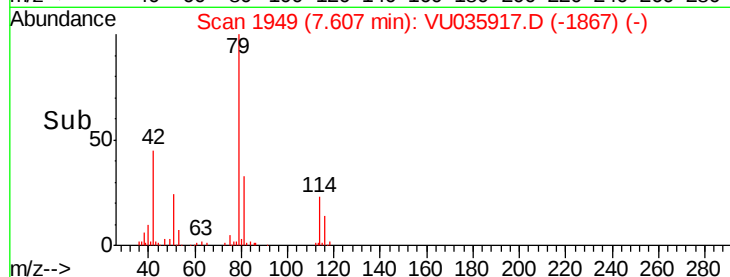
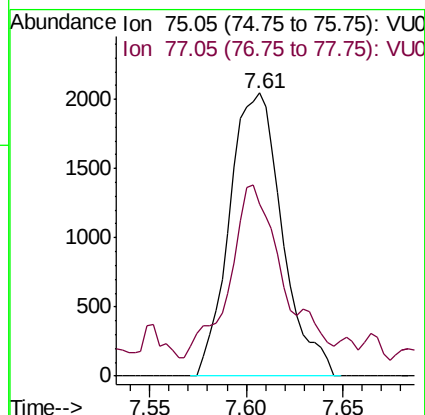
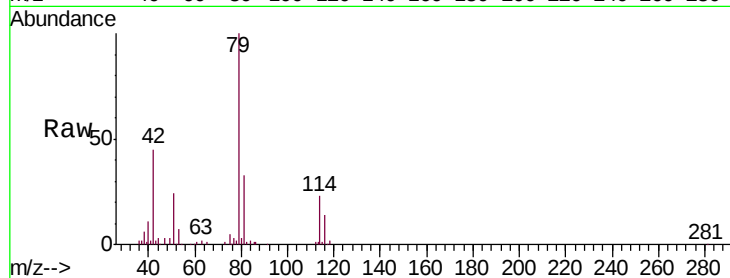
VHBLK01

Tgt Ion: 75 Resp: 3877

Ion Ratio Lower Upper

75 100

77 60.7 22.1 41.1#



#48

2-Hexanone

Concen: 2.200 ug/L

RT: 8.68 min Scan# 2283

Delta R.T. -0.04 min

Lab File: VU035917.D

Acq: 29 Nov 2019 12:56

Tgt Ion: 43 Resp: 32034

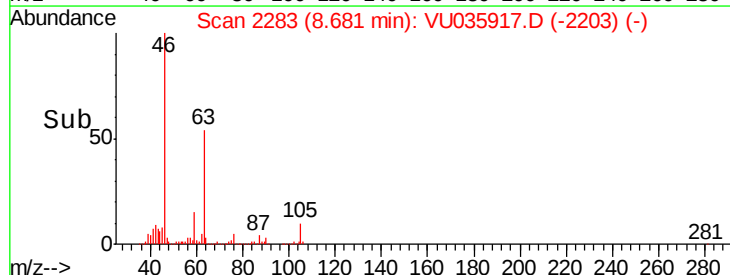
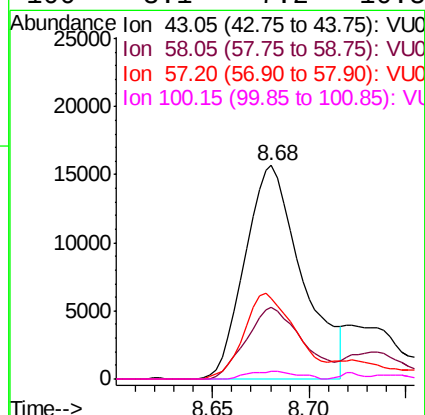
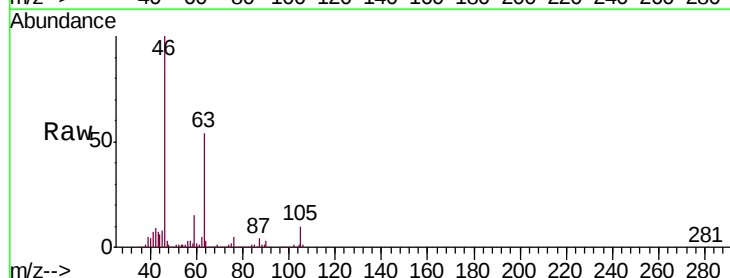
Ion Ratio Lower Upper

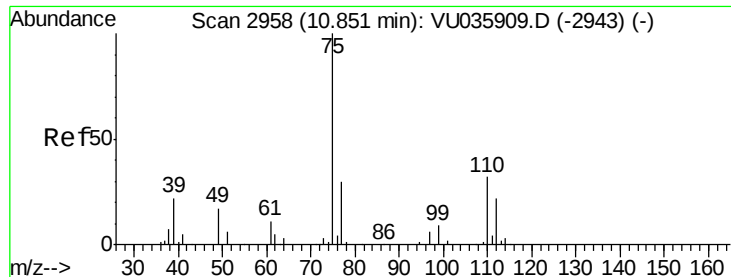
43 100

58 33.3 39.8 59.8#

57 36.8 14.0 21.0#

100 3.1 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 0.662 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035917.D

Acq: 29 Nov 2019 12:56

Instrument :

MSVOA_U

ClientSampleId :

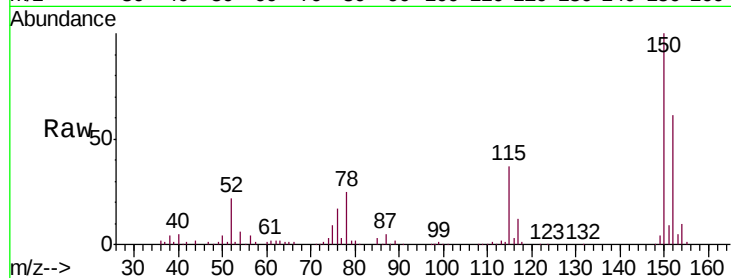
VHBLK01

Tgt Ion: 75 Resp: 13867

Ion Ratio Lower Upper

75 100

77 33.3 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

